

LISTING OF CLAIMS

The following claims shall replace the currently pending claims.

1. – 9. (Previously cancelled)

10. (Currently amended) A method for inducing a therapeutic immune response in a patient who has already previously experienced an immunogenic response, comprising delivering one or more smooth particles comprising calcium phosphate having an immunogenic material at least partially coating the particles or impregnating the particles or both, to the patient in need thereof.

11. (Original) The method of claim 10, wherein the particle is delivered subcutaneously, through inhalation, or across a mucosal surface.

12. (Previously presented) The method of claim 10, wherein the particle is complexed with a pharmaceutically acceptable excipient and delivered as a spray, an aerosol, an ointment, an eye drop, a gel, a suspension, a capsule, a suppository, an impregnated tampon, a buccal, sublingual, or oral formula, or combinations thereof.

13. – 26. (Previously cancelled)

27. (Previously presented) The method of claim 10, wherein the immunogenic material is an allergen.

28. (Currently amended) A method for inducing a therapeutic immune response in a patient ~~who has already previously experienced an allergic response~~, comprising delivering one or more smooth, spherical, colloidal particles with one or more surface irregularity comprising calcium phosphate having an ~~allergen~~ antigen at least partially coating the particles or impregnating the particles or both, to the patient in need thereof, wherein said one or more surface irregularity is less than 100nm.

29. (Previously presented) The method of claim 28, wherein the particle is delivered subcutaneously, through inhalation, or across a mucosal surface.

30. (Previously presented) The method of claim 28, wherein the particle is complexed with a pharmaceutically acceptable excipient and delivered as a spray, an aerosol, an

ointment, an eye drop, a gel, a suspension, a capsule, a suppository, an impregnated tampon, a buccal, sublingual, or oral formula, or combinations thereof.

31. (New) A method for inducing a therapeutic immune response in a patient who has already previously experienced an allergic response, comprising delivering one or more smooth, spherical, colloidal particles with one or more surface irregularity comprising calcium phosphate precipitated from a suspension of calcium chloride and sodium phosphate in aqueous solution of sodium citrate and an allergen, wherein said allergen at least partially coats the particles or impregnates the particles or both, to the patient in need thereof, wherein said one or more surface irregularity is less than 100nm.

32. (New) The method of claim 31, wherein the particle is delivered subcutaneously, through inhalation, or across a mucosal surface.

33. (New) The method of claim 31, wherein the particle is complexed with a pharmaceutically acceptable excipient and delivered as a spray, an aerosol, an ointment, an eye drop, a gel, a suspension, a capsule, a suppository, an impregnated tampon, a buccal, sublingual, or oral formula, or combinations thereof.